

Prepared for:

House of Alchemy LLC

23110 State Rd 54, Unit 361
Lutz, FL United States 33549

HEAL Tincture

Batch ID or Lot Number: 030124	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 7
Reported: 20Dec2023	Started: 19Dec2023	Received: 18Dec2023	


Residual Solvents - Colorado Compliance

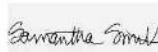
Test ID: T000265136

Methods: TM04 (GC-MS); Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	97 - 1938	ND	
Butanes (Isobutane, n-Butane)	187 - 3749	ND	
Methanol	66 - 1317	ND	
Pentane	101 - 2020	ND	
Ethanol	108 - 2160	ND	
Acetone	106 - 2114	ND	
Isopropyl Alcohol	116 - 2319	ND	
Hexane	6 - 128	ND	
Ethyl Acetate	106 - 2118	ND	
Benzene	0.2 - 4.2	ND	
Heptanes	103 - 2066	ND	
Toluene	19 - 385	ND	
Xylenes (m,p,o-Xylenes)	143 - 2857	ND	

Final Approval


Karen Winternheimer
20Dec2023
10:15:00 AM MST
PREPARED BY / DATE


Sam Smith
20Dec2023
10:38:00 AM MST
APPROVED BY / DATE

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Cannabinoids - Colorado

Compliance


Test ID: T000265130


Methods: TM14 (HPLC-DAD); Potency - Full Spectrum

Analysis, 0.3% THC

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	1.624	5.423	9.801	0.35	# of Servings = 1 Sample Weight=28.35g
Cannabichromenic Acid (CBCA)	1.485	4.960	ND	ND	
Cannabidiol (CBD)	4.685	13.744	1248.710	44.05	
Cannabidiolic Acid (CBDA)	4.805	14.097	ND	ND	
Cannabidivarin (CBDV)	1.108	3.251	18.792	0.66	
Cannabidivarinic Acid (CBDVA)	2.004	5.881	ND	ND	
Cannabigerol (CBG)	0.922	3.079	297.270	10.49	
Cannabigerolic Acid (CBGA)	3.854	12.872	ND	ND	
Cannabinol (CBN)	1.203	4.017	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	2.629	8.782	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	4.591	15.335	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	4.170	13.927	43.423	1.53	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	3.694	12.339	ND	ND	
Tetrahydrocannabivarin (THCV)	0.839	2.801	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	3.258	10.884	ND	ND	
Total Cannabinoids			1617.996	57.08	
Total Potential THC			43.423	1.53	
Total Potential CBD			1248.710	44.05	

Final Approval


Karen Winternheimer
20Dec2023
11:33:00 AM MST
PREPARED BY / DATE


Sam Smith
20Dec2023
11:35:00 AM MST
APPROVED BY / DATE

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HEAL Tincture

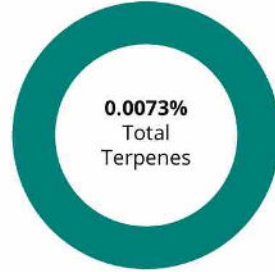
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Terpenes

Test ID: T000265132

Methods: TM22 (GC-MS)

	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0073	0.073
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0000	0.0000
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0000	0.0000
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0000	0.0000
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0000	0.0000
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
Total	0.0073	0.0730




PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0073
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0000
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0000
beta-Myrcene	0.0000
d-Limonene	0.0000
delta-3-Carene	0.0000
Linalool	0.0000

Notes

Final Approval

 Karen Winternheimer
20Dec2023
11:01:00 AM MST
PREPARED BY / DATE

 Sam Smith
20Dec2023
11:04:00 AM MST
APPROVED BY / DATE

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Heavy Metals - Colorado Compliance

Test ID: T000265135


Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.06	ND	
Cadmium	0.04 - 4.19	ND	
Mercury	0.04 - 4.23	ND	
Lead	0.04 - 4.16	ND	

Final Approval

 Sam Smith
20Dec2023
09:15:00 AM MST

PREPARED BY / DATE

 Karen Winterheimer
20Dec2023
10:52:00 AM MST

APPROVED BY / DATE


Mycotoxins - Colorado Compliance

Test ID: T000265137

Methods: TM18 (UHPLC-QQQ)

LCMS/MS): Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.88 - 134.14	ND	N/A
Aflatoxin B1	1.01 - 33.28	ND	
Aflatoxin B2	1.53 - 33.48	ND	
Aflatoxin G1	1.01 - 33.61	ND	
Aflatoxin G2	1.14 - 33.96	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval

 Sam Smith
22Dec2023
08:04:00 AM MST

PREPARED BY / DATE

 Karen Winterheimer
22Dec2023
08:07:00 AM MST

APPROVED BY / DATE

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Microbial

Contaminants -

Colorado Compliance

Test ID: T000265134

Methods: TM25 (qPCR) TM24, TM26,

TM27 (Culture Plating): Microbial
(Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval


Eden Thompson-Wright
22Dec2023
10:32:00 AM MST
PREPARED BY / DATE


Brianne Maillot
22Dec2023
02:31:00 PM MST
APPROVED BY / DATE

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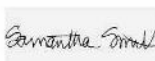
Pesticides

Test ID: T000265133

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)	Dynamic Range (ppb)	Result (ppb)	
Abamectin	365 - 2850	ND	Malathion	296 - 2720	ND
Acephate	42 - 2697	ND	Metalaxyl	39 - 2698	ND
Acetamiprid	41 - 2724	ND	Methiocarb	42 - 2709	ND
Azoxystrobin	41 - 2696	ND	Methomyl	40 - 2754	ND
Bifenazate	42 - 2662	ND	MGK 264 1	170 - 1649	ND
Boscalid	37 - 2605	ND	MGK 264 2	115 - 1109	ND
Carbaryl	42 - 2643	ND	Myclobutanil	72 - 2717	ND
Carbofuran	42 - 2668	ND	Naled	44 - 2578	ND
Chlorantraniliprole	47 - 2712	ND	Oxamyl	40 - 2742	ND
Chlorpyrifos	22 - 2824	ND	Paclotbutrazol	40 - 2620	ND
Clofentezine	286 - 2739	ND	Permethrin	266 - 2818	ND
Diazinon	274 - 2706	ND	Phosmet	42 - 2573	ND
Dichlorvos	206 - 2817	ND	Propfos	279 - 2726	ND
Dimethoate	42 - 2753	ND	Propoxur	41 - 2627	ND
E-Fenpyroximate	252 - 2816	ND	Pyridaben	298 - 2816	ND
Etofenprox	45 - 2800	ND	Spinosad A	33 - 2034	ND
Etoxazole	296 - 2715	ND	Spinosad D	67 - 684	ND
Fenoxycarb	47 - 2694	ND	Spiromesifen	274 - 2821	ND
Fipronil	40 - 2846	ND	Spirotetramat	270 - 2754	ND
Flonicamid	50 - 2811	ND	Spiroxamine 1	15 - 1002	ND
Fludioxonil	293 - 2731	ND	Spiroxamine 2	25 - 1561	ND
Hexythiazox	40 - 2850	ND	Tebuconazole	268 - 2629	ND
Imazalil	287 - 2684	ND	Thiacloprid	42 - 2734	ND
Imidacloprid	40 - 2717	ND	Thiamethoxam	43 - 2762	ND
Kresoxim-methyl	38 - 2748	ND	Trifloxystrobin	42 - 2672	ND

Final Approval

 Karen Winternheimer 24Dec2023 11:01:00 AM MST	 Sam Smith 24Dec2023 11:04:00 AM MST
PREPARED BY / DATE	APPROVED BY / DATE


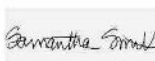
Cannabinoids

Test ID: T000265131

Methods: TM20 (HPLC-DAD)

	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.638	0.151	1.51	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.001 - 1.276	ND	0.00	N/A
Total Potential THC	-	0.151	1.51	

Final Approval

 Karen Winternheimer 28Dec2023 09:51:00 AM MST	 Sam Smith 28Dec2023 09:52:00 AM MST
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<https://results.botanacor.com/api/v1/rapas/uid/b1bd0bb3-d791-460d-a62c-0ea4ac1b4e0c>

Definitions

LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa *(0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: $10^2 = 100$ CFU, $10^3 = 1,000$ CFU, $10^4 = 10,000$ CFU, $10^5 = 100,000$ CFU.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA](#) for more details.



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